

Converting Colors

$Y_{xy}(20.9907, 0.4192, 0.2970)$

Have a look what the booklet for
Yxy(20.9907, 0.4192, 0.2970)
contains.

Yxy(20.9857, 0.4203, 0.2973)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.9857, 0.4203, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	C25F77
RGB	194, 95, 119
RGB Percent	76%, 37%, 47%
CMY	0.2392, 0.6274, 0.5334
CMYK	0.00, 0.51, 0.39, 0.24
HSL	345°, 45%, 57%
HSV	345°, 51%, 76%
XYZ	29.6680, 20.9857, 19.9339
YIQ	127.3370, 51.3000, 28.4520

Conversions

Conversions Part 2

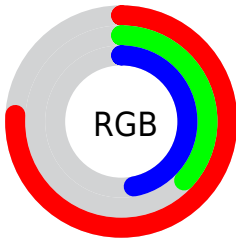
Format	Color
R_{YB}	194, 95, 119
Decimal	12738423
CIE _{Lab}	52.93, 42.04, 5.29
CIE _{LCh}	53, 42.374, 7.168
Yxy	20.9857, 0.4203, 0.2973
Android (android.graphics.Color)	4290928503 (0xFFC25F77)
YUV	127.3370, -4.1101, 58.4635
Hunter-Lab	45.8102, 35.4340, 6.2675

Details

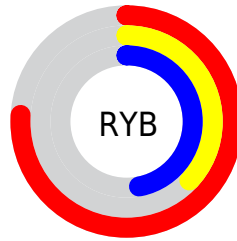
The Yxy color **20.9857, 0.4203, 0.2973** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **43.9174, 0.2605, 0.3658**, and the grayscale version is **21.3475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.0027, 0.3960, 0.3049**, and **7.5011, 0.4634, 0.2822** is the 20% darker color. If you saturate the color by 10%, you get **17.5895, 0.4550, 0.2930**, and if you desaturate by 10%, it is **25.3088, 0.3903, 0.3031**.

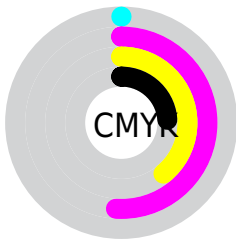
Distribution



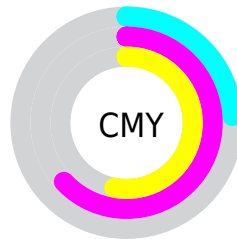
- Red (76%)
- Green (37%)
- Blue (47%)



- Red (76%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (51%)
- Yellow (39%)
- Black (24%)




- Cyan (24%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.9857, 0.4203, 0.2973 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 20.9857, 0.4203, 0.2973 by changing the saturation by 10% instead.


 20.9857, 0.4203,
0.2973


 20.9857, 0.4203,
0.2973


257.2025, 0.3592,
0.3161


 13.1135, 0.4384,
0.2913


 45.0637, 0.3961,
0.3050


 7.5068, 0.4637,
0.2828

 62.0384, 0.3877,
0.3076

 3.7810, 0.5010,
0.2695

 82.8160, 0.3807,
0.3097

 1.5518, 0.5610,
0.2469

 107.7810, 0.3750,
0.3115

 0.3248, 0.8157,
0.1843

137.3178, 0.3701,
0.3129

 0.0000, 1.0000,
0.0000

171.8107, 0.3660,

 0.0000, 0.0000,


0.3141


0.0000


211.6441, 0.3624,
0.3152


 20.9857, 0.4203,
0.2973


 20.9857, 0.4203,
0.2973

 17.5895, 0.4550,
0.2930


 25.3088, 0.3903,
0.3031


 15.0487, 0.4933,
0.2911


 30.6171, 0.3652,
0.3095


 13.2864, 0.5326,
0.2928

 36.9677, 0.3445,
0.3161

 12.2105, 0.5688,
0.2984

 44.4124, 0.3276,
0.3224

 11.6735, 0.5962,
0.3058

 52.9997, 0.3140,
0.3284

■ 62.7751, 0.3029,
0.3340

■ 73.7815, 0.2938,
0.3390

■ 86.0598, 0.2864,
0.3437

■ 89.9722, 0.2792,
0.3328

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



20.9857, 0.3457, 0.2511



20.9857, 0.4203, 0.2973



20.9857, 0.4625, 0.3523

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.9857, 0.4203, 0.2973



20.9857, 0.3414, 0.4706



20.9857, 0.1840, 0.2296

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



20.9857, 0.4203, 0.2973



43.9174, 0.2605, 0.3658

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20.9857, 0.1830, 0.2765



20.9857, 0.4203, 0.2973



20.9857, 0.2685, 0.4312

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.9857, 0.4203, 0.2973



20.9857, 0.4104, 0.4557



20.9857, 0.2116, 0.3519



20.9857, 0.2131, 0.2126

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



20.9857, 0.4203, 0.2973



20.9857, 0.4638, 0.3902



20.9857, 0.2116, 0.3519



20.9857, 0.1805, 0.2418

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



20.9868, 0.4203, 0.2973



74.5365, 0.3343, 0.3198



20.5441, 0.2903, 0.1972



15.6904, 0.3380, 0.3184



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.9868, 0.4203, 0.2973



31.3708, 0.4585, 0.2927



25.6698, 0.4377, 0.3625



10.1170, 0.3252, 0.3234



7.6866, 0.5930, 0.3040



0.3434, 0.5279, 0.2682

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.9868, 0.4203, 0.2973



31.3708, 0.4585, 0.2927



34.7968, 0.2396, 0.2906



10.1170, 0.3252, 0.3234



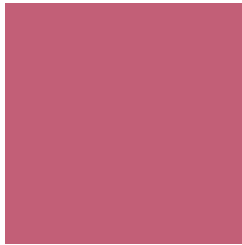
7.6866, 0.5930, 0.3040



0.3434, 0.5279, 0.2682

Previews

White Background



This preview shows how the Yxy color 20.9857, 0.4203, 0.2973 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 20.9857, 0.4203, 0.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

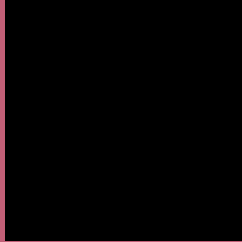
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 20.9857, 0.4203, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 20.9857, 0.4203, 0.2973.



This preview shows how white text looks on a background with the Yxy color 20.9857, 0.4203, 0.2973.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

20.9857, 0.4203, 0.2973

Protanopia

21.1635, 0.3008, 0.3094

Deuteranopia

21.0862, 0.3488, 0.3412



Tritanopia

21.0927, 0.4386, 0.3200

Trichromacy



Original Color

20.9857, 0.4203, 0.2973

Protanomaly

20.4525, 0.3409, 0.3042

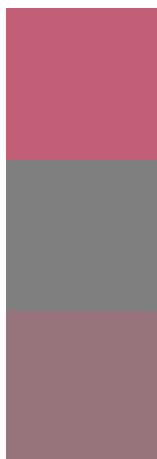
Deuteranomaly

20.5307, 0.3749, 0.3228

Tritanomaly

21.0126, 0.4317, 0.3119

Monochromacy



Original Color

20.9857, 0.4203, 0.2973

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.2960, 0.3486, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.9857, 0.4203, 0.2973 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 95, 119)` looks like.

```
.text, #text, p{  
    color:rgb(194, 95, 119)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 95, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 95, 119) }
```

Border

The CSS property to change the border of an element to Yxy 20.9857, 0.4203, 0.2973 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 95, 119) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(194, 95, 119) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(194, 95, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 95, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 95, 119);  
box-shadow:4px 4px 4px 4px rgb(194, 95,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 20.9857, 0.4203, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 95, 119) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194, 95,  
119) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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